Form 1220-5
(January 1974)

T/N 312
Filing Code 1112.1

Date Issued December 1977

TECHNICAL NOTE

U.S. DEPARTMENT OF THE INTERIOR – BUREAU OF LAND MANAGEMENT

A SIMPLE DEVICE TO IMPROVE THE OPERATION AND SAFETY OF THE HANDYMAN JACK

by

Charles E Bollinger
Redding District Office

A simple, inexpensive device to improve the safety and efficiency of the Handyman Jacks is provided for optional use by Bureau offices.

Additional copies of Technical Notes are available from DSC, Federal Center Building 50, Denver, Colo., 80225

Many Bureau offices equip their vehicles with a mechanical jack with the trade name "Handyman". This is an excellent jack and is capable of lifting small trucks out of snow or mud. One problem, however, is that the lift arm of the jack does not fit the contour of most bumpers (see Illustration 1). Should a vehicle slip off this arm, there is danger of physical injury to the employee or damage to the vehicle.

An employee suggestion by Charles E. Bollinger, Redding District Office, provides a safe and simple solution to this problem. It has been adopted by several Bureau offices with great enthusiasm.

A piece of 5/16" chain (preferably case hardened steel) is cut 20 - 24" long. Hooks are applied to both ends (see Illustration 2).

Both hooks are attached to the bottom of the bumper (hooks up) producing a horseshoe effect that the lift arm of the Handyman jack can fit into securely. The chain conforms to the shape of the bumper and provides a secure, even distribution for lift (see Cover Illustration).

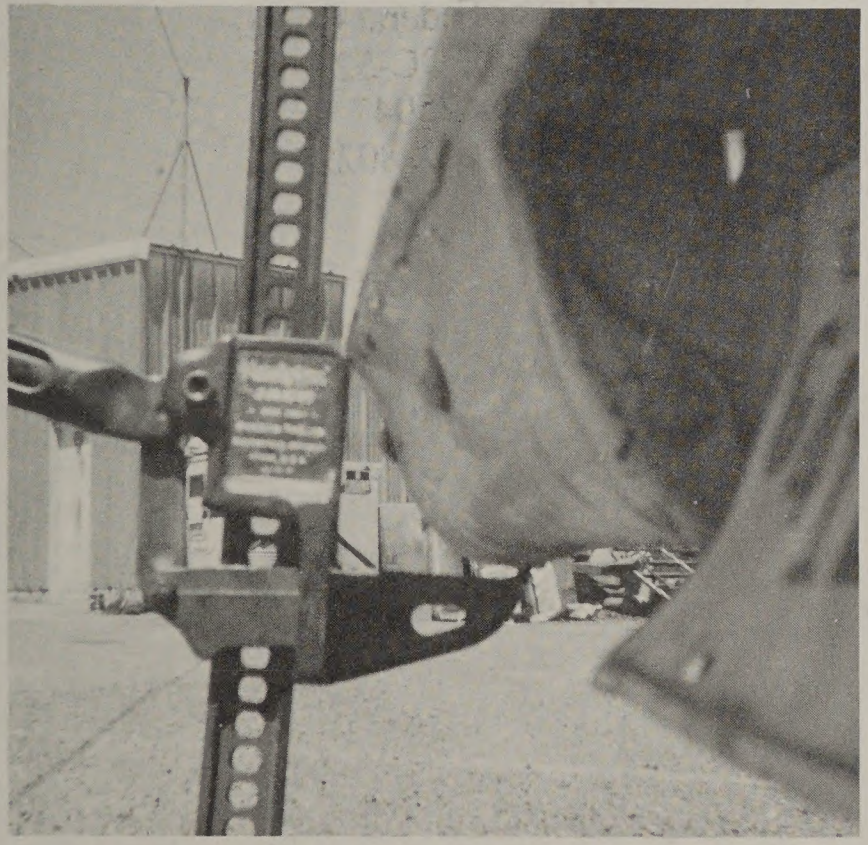

Illustration 1

Illustration 2